

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011872**Date Inspected:** 17-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Hua Jei/ Lv Li Qing**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#14

FCAW welding of weld joint CA3006-004 located on Segment 12AW. Welder is identified as 202122 and 201215 (2G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint CA3006-003 located on Segment 12AW. Welder is identified as 045175 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

Joint fit up performed by SMAW welding of weld joint Seg3004AL-009 located on Segment 12AW. Welder is identified as 058243 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2211.

Bay#13

SMAW welding of weld joint SSD14-PP107-223, 253 located on Segment 11CW. Welder is identified as 044772 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with

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the Applicable WPS-B-P-2214-Tc-U4b-FCM.

SMAW welding of weld joint SSD14-PP107-222 located on Segment 11CW. Welder is identified as 044772 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM.

SMAW welding of weld joint SSD14A-PP101-252 located on Segment 11CW. Welder is identified as 200113 (4G). ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM.

SMAW welding of weld joint SSD14A-PP103-252, 222 located on Segment 11CW. Welder is identified as 200113 (4G). ZPMC QC is identified as Wang Xu. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-P-2214-Tc-U4b-FCM-1.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
